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LOYALTY, RELIABILITY AND RESISTANCE TO CORRUPTION:
PSYCHOLOGICAL ASPECTS OF DIAGNOSTIC OPTIONS (THE
EXPERIENCE OF THE CZECH REPUBLIC)

Abstract: The article analyzed the loyalty and reliability of employees as factors that facilitate corruption resistance. Article pointed to weaker elaboration of these concepts in Czech literature in comparison to how they are presented in English-speaking resources. Furthermore, the names of the tests that are used in the Czech Republic for diagnosis loyalty and reliability and range of tests, significant for the analysis of this phenomenon.

This study describes the audit approach as used in the system WORKtest®. It presents the results of investigation of corruption resistance and risk behavior using methods WORKtest®, made in the Czech Republic in 2013-2014. Analysis showed that 18 % surveyed have signs of risky behavior. We describe the specific properties of corrupt behavior observed in the study. We provide benchmarking corruption resistance in relation to average indicators in the population.

Keywords: loyalty, psychodiagnostics, resistance to corruption, trustworthiness.

ЛОЯЛЬНІСТЬ, БЛАГОНАДІЙНІСТЬ ТА ОПІР КОРУПЦІЇ: ПСИХОЛОГІЧНІ
АСПЕКТИ ТА МОЖЛИВОСТІ ДІАГНОСТИКИ (З ДОСВІДУ ЧЕСЬКОЇ
РЕСПУБЛІКИ)

Анотація: Аналізується лояльність та надійність персоналу як фактори, які забезпечують антикорупційну стійкість. Вказано на слабку розробку цих понять в чеській літературі порівняно з англійськими ресурсами. Розглядаються тести, які використовуються у Чеської Республіки в діагностиці лояльності та благонадійності. Описується аудит, як підхід, який використовується в

системі WORKtest® для аналізу опору корупції і ризикованої поведінки. Наводяться результати дослідження зробленого в Чехії в 2013-2014 роках. Аналіз показав, що 18 % опитаних мали ознаки ризикованої поведінки. Описано особливості корупційної поведінки, виявлені в дослідженні. Представлений бенчмаркінг опору корупції по відношенню до середніх показників в чеській популяції.

Ключові слова: благонадійність, лояльність, опір корупції, психодіагностика.

ЛОЯЛЬНОСТЬ, БЛАГОНАДЕЖНОСТЬ И СОПРОТИВЛЕНИЕ КОРРУПЦИИ: ПСИХОЛОГИЧЕСКИЕ АСПЕКТЫ И ВОЗМОЖНОСТИ ДИАГНОСТИКИ (ИЗ ОПЫТА ЧЕШСКОЙ РЕСПУБЛИКИ)

Аннотация: Анализируется лояльность и надежность персонала как факторы, которые обеспечивают антикоррупционную устойчивость. Указано на слабую разработку этих понятий в чешской литературе по сравнению с англоязычными ресурсами. Рассматриваются тесты, которые используются в Чехии в диагностике лояльности и благонадежности.

Описывается аудит, как подход, который используется в системе WORKtest® для анализа сопротивления коррупции и рискованного поведения. Приводятся результаты исследования, сделанного в Чехии в 2013-2014 годах. Анализ показал, что 18% опрошенных имели признаки рискованного поведения. Описаны особенности коррупционного поведения, выявленные в исследовании. Представленный бенчмаркинг сопротивления коррупции по отношению к средним показателям в чешской популяции.

Ключевые слова: благонадежность, лояльность, сопротивление коррупции, психодиагностика.

Target setting: We live in troubled times, which is full of change and innovation. At a time when the focus on productivity and success, efficiency and flexibility are of high importance [3; 8; 33]. In a period that is inherent in reducing time and space constraints and increasing opportunities for access to information. As a result, the attitude towards the world around us is oriented to short-term and temporary nature. R. Sennet (2006) notes that the requirement of today is to "stay in motion".

These changes are reflected in the corporate environment and threaten the company at macro and micro levels. The problem of loyalty and reliability of personnel in the context of changes in requirements and the nature of work that excludes the traditional control over personnel and increases the emphasis on voluntariness becomes urgent [5; 6; 11; 13; 22; 25; 26].

In the context of a dynamic society's expectations with respect to staff loyalty as rapidly changing. Loyalty becomes the important requirements of organizations for personnel and a necessary condition for effective functioning. Otherwise, we see a decrease in resistance to corruption and, as a result, the political fraud, the deception and illegal actions (embezzlement, theft, etc.). The organization should be able to manage these trends. The introduction of fraud management is one of the options for managing the resilience to corrupt practices [9].

Analysis of the recent publications: The concept of loyalty and trustworthiness in the Czech literature is not sufficiently developed. As a rule, they are described in the study of satisfaction with work, commitment or dedication to the firm. The notion of loyalty and trustworthiness in Czech literature is not enough. Usually, they are described in the study of job satisfaction, engagement or of obligations in relation to the company [30-32].

In publications, loyalty is associated with fidelity, frankness and honesty [6; 12; 17]. Authors define loyalty as commitment and loyalty is indicated as an intention to show loyalty to the organization and its voluntary support [4; 7; 10; 19; 34].

We think that this is not just a consonance [2; 18], but rather a conscious, positive attitude when a person is willing to invest and sacrifice himself [15; 26].

Harskiy K. (2003) examines in detail the features of the loyalty and reliability of employees. Trustworthiness is described as a willingness to comply with rules and regulations. The author describes 300 characterological signs and indicates methods for their diagnosis, when he is analyzing the psychological causes of unreliability

The analysis of the literature shows that the main indicators of loyalty include: 1) willingness to stay in the company [29]; 2) labor productivity, goes beyond the framework of conventional standards [20]; 3) trust in the organization and acceptance of its goals and values [21]; 4) altruistic behavior [16]; 5) willingness to make significant efforts in the interests of the organization [20; 34]; as well as confidentiality in working with information and not disclosing corporate secrets, compliance with rules and generating ideas [24].

According to the indicators described above, loyalty is associated with reliability and compliance with rules, commitment, loyalty and collegiality. This behavior is clearly in favor of the organization [34].

Our vision of loyalty corresponds to the theory of G. Van der Vegt (2003), E. Powerse (2000) and K. Harskiy (2003). This interpretation differs from one-sided perception of the organization's devotion. We regard loyalty as a multi-level phenomenon [13]. An organization, colleagues, leader, department in which a person works, a specialty, product or service can be an object of

loyalty. The employee is thus involved in a wider range of loyalties. In this case, loyalty objects can provoke conflicting loyal behavior [9; 27].

In the view of the above-mentioned, we share loyalty into several categories, namely: a) the loyalty to the organization (loyalty to corporate views and goals, honesty, trustworthiness) b) the loyalty to the leader (recognition of authority) c) the loyalty to colleagues (collegiality, teamwork and goodwill) e) the loyalty when dealing with confidential information (Storage of the secrets of the organization, non-disclosure of know-how, etc.).

The purpose of this article is to describe the possibilities of diagnosing the loyalty and reliability of personnel as the bases that increase anti-corruption sustainability in the view of the realities of the Czech Republic.

The main material research: Corruptive actions are intentional and purposeful actions of qualified specialists with a view to obtaining undeserved and illegal personal gain. In the narrow sense, corruption is translated as bribery (extortion and acceptance of bribes). In a broader sense, it can be manifested as intimidation and manipulation, gifts and influential support, information theft. The corruption leads to the disintegration of the public sector, the weakening of power, increased protectionism and nepotism, crime, mistrust, bankruptcy of companies. According to Transparency International's research in 2016, the Czech Republic ranked 47 out of a total of 170 countries under the Corruption Perceptions Index. Main manifestations – the insufficiency of ethical standards and rules (in particular, for top management), limited access to information, confusion in public procurement.

It is known that illegal actions are always connected with the peculiarities of the human factor and its so-called resistance to corruption. From the above, the urgency of the method of identifying resistance to corruption and preventing illegal and counter productive actions from emerging.

The determination of the riskiness of a person already at the stage of recruitment and selection of workers is preventive measures in this direction. Our study, carried out in 2015, showed that in the Czech Republic such psychological questionnaires are used to identify features that can cause corruptive actions:

1. Hoganovy tests – HPI questionnaire (Scales Stability, Sociability, Cooperation, Organizationality), HDS questionnaire (11 scales reflect the risk assessment inadequate behavior strategies).

2. NEO-PI-R – The scales are used Neuroticism and Good Faith.

3. Squares (Cut-e) – Scales: the Discipline, the conscientiousness and the ethical conscientiousness.

4. ANBE – the questionnaire aimed at identifying attitudes towards work, people and motivation that can lead to job disruptions.

5. The questionnaire of the person BIP – questionnaire contains 4 personal preconditions of danger, for which the indicators of Professional orientation (the Motivation), the Labor behavior (the Integrity), the mental constitution (the Emotional stability and the Sustainability) are used.

6. SPARO – scales: the Mental stability, the intensity of inner life, the dynamism of interaction with the environment, the propensity to rely on the will of the case, the Social exhibitionism, the Conformity.

It should be taken into account that all these questionnaires are not designed to identify trends in corruption and do not exclude the possibility of distortion of the result towards social desirability. The questionnaires are adapted and standardized for the Czech population, the scales of these tests are based on the premise that a person who has certain psychological qualities is reduced (or increases) the likelihood of risky and counterproductive activities.

To a great extent these drawbacks deprived of the psychometric method WORKtest®. From other test systems, it is distinguished by the following features: 1) the test is of a projective nature, which makes it impossible to falsify the results; 2) Scales describe the features of the performance of activities; 3) 300 scales of the test system are designed in accordance with the request of the practice of working with personnel. The system is available in Czech, English and Russian.

The testing procedure is based on the selection of 9 geometric shapes from a common matrix with the image of 51 figures. The test is included in the computer system for diagnosing and analyzing the features of the activity and is used for assessments in the field of a person's professional activity in the form of an audit. Thus, the Corruption Resistance Audit assesses the specific risk factors and manifestations of employee behavior that directly threaten the organization. In this case, the behavior is estimated from the "dominant" (high level of risk) to "not risky". The audit allows you to answer the question of whether a person is corrupt, and if so, what features encourage to such behavior, or a loyal person and how much he acts consciously or under the influence of others, or psychologically stable and balanced, and so on.

The audit of corruption resistance includes 32 criteria, which are collected in four modules:

1. Security, counterproductive and corrupt behavior

- the Bribery (extortion of bribes)
 - the Bribery (bribe offer)
 - the Embezzlement – financial

- the Embezzlement – information
- the Embezzlement – know how
- the Falsification and forgery of documents
- the Corruption
- Clientelism (favoritism)
- Susceptibility to pressure from the environment (lability)

2. The Loyalty and the moral stability

- the Moral sustainability and maturity
- the balance, loyalty, trust
- the Ethics
- the Loyalty to the organization
- the Observance of agreed agreements and conventions
- the Compliance with corporate rules and regulations
- the Collegiality, tactfulness

3. The Mental stability

- the Emotional stability
- Psychological endurance
- the Mental maturity
- the Emotional maturity
- the Restraint and self-regulation
- the Social maturity
- the Overcoming Adverse Events

4. The Motivation and volitional qualities

- the Material remuneration
- the Power and commitment
- the Power to achieve the goals
- the Self-realization
- the Search for the impact and use of it
- the Diplomacy
- the Initiative and activity
- Target Orientation

When an Audit of Corruption Sustainability is conducted, the comparison with the working population of the Czech Republic is available to the user. The standardization of the test was carried out on the results collected in 2010-2015, a sample of 4500 respondents. The

retest reliability of the technique in various modules is 0.75-0.92, expert validity is 0.87-0.97. An example of verification of loyalty, reliability of employees and their resistance to corruption can be a study carried out using the WORKtest® method in 2013-2014, commissioned by a Czech company. The goal of the study was to analyze the risk of corruption of individual workers. The display of a risky potential meant to find out:

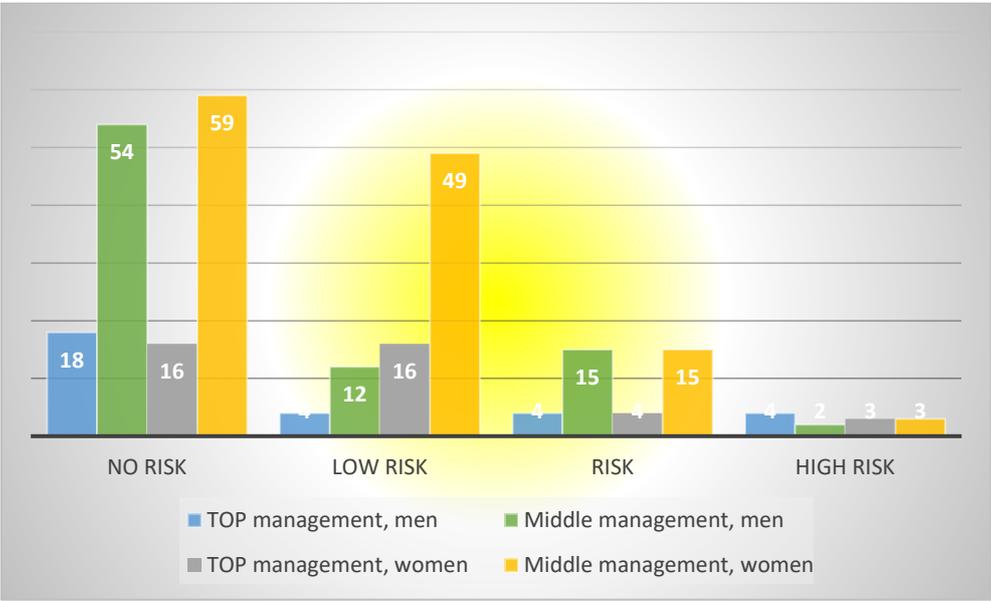
- how many employees have a tendency to corruption,
- in which corruptive actions tend to be the most and least,
- how the manifestations of illegal actions are connected with loyalty and trustworthiness.

278 employees were included by research in the top management (n = 69, 25% of the sample) and middle level (n = 209, 75% of the sample), of which 165 women (60%) were men (40%). The age range is 28-56 years. The employees were tested using the WORKtest® psychodiagnostic tool. Six months later, 89 employees participated in the 360° assessment.

Figure 1 indicates a general propensity for corruption in terms of different demographic features. From schedule we see that of 278 respondents 12 people are at high risk and 38 are risky, accounting for 18% of the total. The group of high risk of corruption includes both women and men at all levels of management. The risk group consists mainly of mid-level personnel.

Fig1.

The risk of exposure to corrupt practices at various levels of management



Which corruption manifestations are more often reflected in Table 1.

Tabl 1.

The manifestations of counterproductive (corrupt) actions

Elements of corruptions	Manifestation
Favoritism (nepotism)	61.6%
Theft of information	56.7%
Imprudence	54.6%
Bribery (bribe offer)	53.9%
Speculation	53.7%
Falsification and forgery of documents	51.9%
Manipulation and pressure	51.8%
Theft of know-how	50.3%
Bribery (extortion of bribes)	49.7%
Receiving tangible and intangible benefits	48.0%
Theft of financial	45.4%
Unpredictability	42.1%
Presence, instability	33.9%

Most of them seek to favoritism and nepotism (62%). Large indicators also gain information theft (57%). If we talk about bribery, the offer of a bribe is more represented (54%) than extortion (50%). The lowest indicators gain suggestive instability, is a legitimate evidence that the basis of corruption is a conscious and purposeful process.

Further consideration points to the fact that women are more prone to protectionism (women 64%, men 59%) and information dissemination (women 58%, men – 52%), men in turn often offer bribes (men – 54%, women 50 %) And are less exposed to the environment (men – 31%, women 34%) and are more manipulative (more than women by 5%). What is a well-thought-out use of corruption. But women are more diplomatic (50%) than men (45%).

Table2.

Consistency of test results with 360° estimates

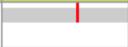
Self-assessment	Manager evaluation	Evaluation of subordinates	Evaluation by collega	Overall consistency
90,3	95,8	95,2	95,5	94,2

The degree of conformity of test results was determined by using the 360° method. The results in Table. 2 indicate an equal agreement of experts compared to self-assessment (90,3). The general consensus is 94,2%, which is an indicator that allows us to take the test results for reliable and to draw conclusions about individual qualities.

The overall result of the audit in comparison with the norm of the population is reflected in Fig. 2. Benchmarking, an audit of corruption resistance (compared to the norm, see Red Line) indicates the reliability of the personnel of this organization.

Fig2.

The resistance to corruption in the organization compared with the average in the population

WORKtest® 0_NORMA POPULACE					Number of people : 278
Items	Undeveloped 0-50%	Sufficient 51-65%	Developed 65-75%	Dominant 75-100%	Result
AUDIT corruption					49.74%

Conclusions: Our analysis showed the absence of author theories of loyalty and trustworthiness in Czech literature and the absence of specialized psychological questionnaires to diagnose a tendency to corrupt practices.

Research using the WORKtest® psychodiagnostic system in the Czech organization revealed 18% of personnel which have a high risk of corruption. At the same time, middle-level personnel are more risky than the top management. Among the forms of corruption, there is more representation of fiction (nepotism) and information theft. At the same time, the offer of a bribe is manifested more than its demand. The slightest manifestation is instable, it is a legitimate evidence that the basis of corruption is a conscious and purposeful process.

The simultaneous application of the 360° method with psychodiagnostics revealed the high consistency of test results according to expert estimates, which allowed the results of testing in the system of the WORKtest® system to be taken as reliable and to draw conclusions about individual manifestations of corrupt practices.

Assuming that the diagnostic system is presented in three languages: Czech, English and Russian, further studies see a comparative analysis of loyalty, reliability and manifestations of corruption in other countries.

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